

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Aug/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.831	2707.947	1) Gujrat	-13.440	-177.922
2) Hydro	12.577	231.941	2) Madhya Pradesh	0.729	74.880
3) Gas	6.627	90.600	3) Chattisgarh	3.530	72.660
Total MSPGCL	148.035	3030.488	4) Maharashtra	126.874	2984.947
B) 1) APML	64.441	1203.656	5) Goa (Amona)	-1.036	-21.278
2) JSWEL	23.595	414.962	Total	116.657	2933.287
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.312	445.660
4) RPL(AMT)	25.310	488.080	b) Mumbai Drawl	18.160	501.033
5) SWPGPL	0.096	96.612	c) MSEDCL Bilateral *	10.953	767.387
6) Other IPP	0.830	114.224	Include PX	-12.239	178.939
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.312	445.660
C) 1) TPCL Thermal	15.181	264.341	Include PX	2.236	175.034
2) TPCL Hydro	6.660	108.919	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.600	199.634	1) MSEDCL	387.147	8535.087
D) STATE			2) Mumbai Discoms	51.598	1086.400
1) Thermal	269.884	5489.456	TOTAL STATE	438.745	9621.487
(A1+C1+C4+(B1-B6))					
2) Hydro	19.237	340.860			
(A2+C2)					
3) Gas	6.627	103.076			
(A3+B7+C3)					
4) Wind	22.835	649.145			
6) SOLAR	3.508	105.666			
TOTAL STATE	322.091	6688.203			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5313	5051	5638	5539
MSPGCL Hydro	826	624	646	301
MSPGCL Gas	278	268	278	268
MSPGCL Total Generation	6417	5943	6562	6108
Central Sector Receipt	6203	6104	5103	3371
WIND	1032	550	1168	1030
CPP / IPP Thermal	4854	4726	4985	4572
CPP / IPP Gas	0	0	0	0
SOLAR	373	434	0	0
Exchange with Mumbai	-954	-1166	-734	-575
MSEDCL DEMAND MET	17925	16591	17084	14506
Load Shedding	0	0	0	0
MSEDCL DEMAND	17925	16591	17084	14506
TPCL GENERATION	1033	1000	1128	531
AEML GENERATION	501	500	501	494
MUMBAI DEMAND	2488	2666	2363	1600
STATE DEMAND MET	20413	19257	19447	16106
STATE DEMAND	20413	19257	19447	16106
Frequency (Hz)	49.99	50.03	50.03	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.75 Hz at 16.51 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation, Maximum, Minimum for 20/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.68	44.09	170	0
Unit 7	0.00	0.00	0	0
Unit 8	12.46	204.77	602	375
Unit 9	3.78	204.63	451	0
Unit 10	12.37	195.66	560	470
Total	31.29	649.16		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	8.49	195.81	470	165
Unit 5	9.78	195.84	460	280
Total	18.27	417.40		
Parli				
Unit 6	1.23	55.34	198	0
Unit 7	5.07	67.85	248	180
Unit 8	4.93	76.04	211	199
Total	11.22	199.23		
Chandrapur				
Unit 3	0.00	59.50	0	0
Unit 4	2.91	69.76	151	109
Unit 5	6.73	160.40	365	234
Unit 6	5.89	156.31	280	195
Unit 7	7.24	137.10	319	275
Unit 8	9.03	203.12	400	359
Unit 9	8.79	19.99	405	292
Total	40.60	806.18		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	92.82	206	152
Total	4.18	92.82		
Khaparkheda				
Unit 1	0.00	43.46	0	0
Unit 2	2.77	54.40	160	90
Unit 3	3.46	64.52	165	130
Unit 4	3.41	64.33	165	125
Unit 5	9.70	205.71	435	380
Total	19.34	432.43		
Nasik				
Unit 3	0.00	38.68	0	0
Unit 4	3.93	46.33	195	122
Unit 5	0.00	25.72	0	0
Total	3.93	110.73		
Uran				
All Units	6.63	90.60	289	257
Total	6.63	90.60		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.07	8.70	24	0
Total	0.07	8.70		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.16	51.04	495	40
Stage 4	0.00	1.86	0	0
Stage 3	1.41	18.21	160	0
Total	5.57	71.11		
Hydro				
KDPH	0.00	15.64	0	0
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.43	9.02	40	0
SMLHY_PTN	6.19	118.82	270	247
GHATGHAR	0.39	10.89	123	0
Total	7.01	160.83		
Wind				
Total	22.84	649.14	0	0
Total	22.84	649.14		
CPP				
APML(Mus)	64.44	1203.66	0	0
JSWEL(Mus)	23.60	414.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.31	488.08	0	0
SWPGPL-Mus	0.10	96.61	0	0
Other(Mus)	0.83	114.22	0	0
Total	114.27	2317.53		
SOLAR				
Total	3.51	105.67	0	0
Total	3.51	105.67		
Tata				
Trombay 5	10.26	176.59	483	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	6.95	0	0
Trombay 7B	0.00	5.53	0	0
Trombay 8	4.92	87.76	223	137
TATA Hydro	6.66	108.92	459	76
Total	21.84	385.74		
AEMIL				
DTPS U-1&2	11.60	199.63	502	285
Total	11.60	199.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.83	2707.95	MSPGCL Total	148.04	3030.49
			MSPGCL Thml+Gas	135.46	2798.55	Koyna 1,2 & 4 Total	4.16	52.90
			MSPGCL Hydro	12.58	231.94	State Total	322.09	6688.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Aug/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5503	300	288	6091	951	4721	0	0	3027	3281	-480	14564	0	14564	1803	16367	50.00
2	5585	295	279	6159	1008	4574	0	0	3046	3375	-515	14601	0	14601	1699	16300	50.02
3	5539	301	268	6108	1030	4572	0	0	2914	3371	-575	14506	0	14506	1600	16106	49.95
4	5528	319	278	6125	1070	4577	0	0	3050	3680	-686	14766	0	14766	1556	16322	50.01
5	5626	570	289	6485	1069	4573	0	0	3229	3491	-770	14848	0	14848	1566	16414	50.03
6	5542	824	279	6645	922	4579	0	0	3824	4275	-675	15746	0	15746	1645	17391	50.04
7	5389	846	269	6504	882	4721	0	25	4668	5339	-491	16980	0	16980	1755	18735	49.99
8	5424	881	279	6584	830	4679	0	118	5494	6038	-572	17677	0	17677	1952	19629	49.99
9	5584	684	279	6547	949	4905	0	279	5776	5985	-778	17887	0	17887	2225	20112	50.03
10	5313	826	278	6417	1032	4854	0	373	6106	6203	-954	17925	0	17925	2488	20413	49.99
11	5217	605	268	6090	829	4778	0	449	6231	6367	-1095	17418	0	17418	2672	20090	50.03
12	5211	504	277	5992	678	4764	0	489	6019	6368	-1156	17135	0	17135	2710	19845	50.05
13	5051	624	268	5943	550	4726	0	434	5521	6104	-1166	16591	0	16591	2666	19257	50.03
14	4965	715	277	5957	562	4738	0	422	5264	5591	-1056	16214	0	16214	2530	18744	50.04
15	4977	383	257	5617	650	4701	0	372	5634	5827	-889	16278	0	16278	2487	18765	50.06
16	4933	301	287	5521	926	4774	0	269	5834	5529	-793	16226	0	16226	2455	18681	50.04
17	4958	295	268	5521	1062	4770	0	185	5695	5305	-741	16102	0	16102	2404	18506	49.92
18	5195	640	278	6113	1163	4841	0	85	4826	4936	-742	16396	0	16396	2369	18765	49.94
19	5505	475	268	6248	1300	4903	0	8	4889	4766	-736	16489	0	16489	2347	18836	49.97
20	5638	646	278	6562	1168	4985	0	0	4841	5103	-734	17084	0	17084	2363	19447	50.03
21	5649	498	289	6436	1104	4930	0	0	4255	4268	-649	16089	0	16089	2247	18336	50.03
22	5643	390	268	6301	1014	4979	0	0	3975	3957	-609	15642	0	15642	2134	17776	50.04
23	5561	350	279	6190	1024	4948	0	0	3784	3648	-598	15212	0	15212	2012	17224	50.02
24	5295	305	279	5879	1062	4680	0	0	3604	3850	-700	14771	0	14771	1916	16687	50.01
MUs	128.83	12.58	6.63	148.03	22.84	114.27	0.00	3.51	111.51	116.66	-18.16	387.15	0.00	387.15	51.60	438.75	50.01

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Aug/2021

Position as on 6.30 Hrs of 21/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	15/08/2021	09.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 8	108	17/08/2021	20.06		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	18/08/2021	14.10	20/08/2021	19.56	PA Fan Bearing Vibration.	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	
IPP	SWPGPL U-2	135	19/08/2021	10.40		Continued.	ID Fan Vibration.	
MSPGCL	Chandrapur Unit 3	210	19/08/2021	11.01		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	19/08/2021	12.12	21/08/2021	01.33	Flame Failure	
MSPGCL	Nasik Unit 3	210	19/08/2021	18.35		Continued.	Zero schedule	
MSPGCL	Parli Unit 6	250	19/08/2021	18.53	20/08/2021	15.15	Withdrawn on zero scheduled	
MSPGCL	Koradi Unit 6	210	20/08/2021	02.22	20/08/2021	07.43	Flame Failure	
MSPGCL	Koradi Unit 9	660	20/08/2021	08.50		Continued.	Main Steam temp high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 21/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	21/08/2021	05.52		Continued.	T	Line Fault.
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Chandrapur II - Dhariwal -I	InterState	20/08/2021	09.27		Continued.	PO	Dhariwal work.
Khadka-Aurangabad (Waluj)	IntraState	19/08/2021	18.16		Continued.	HT	Over Voltage
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	20/08/2021	12.46	20/08/2021	19.01	PO	Diagnostic testing work.
Warora-Tirora-li	IntraState	21/08/2021	05.38		Continued.	EO	CVT testing & replacement work.
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Badnera Tss-li	IntraState	16/08/2021	18.16		Continued.	T	R-Ph string decap from gantry at badnera end.
Apta - Taloja	IntraState	19/08/2021	17.13	20/08/2021	10.11	T	Distance Protection
Apta - Kalwa1	IntraState	19/08/2021	17.18		Continued.	T	Distance Protection
Panchanand Taloja	IntraState	20/08/2021	10.23		Continued.	EO	To attend tower bend at loc no.648 to 649.
Lamboti - Pandharpur li	IntraState	20/08/2021	13.00	20/08/2021	17.30	PO	Relay testing work & flashover string replacement at loc no.465 ph.
Deepnagar Bambhori	IntraState	20/08/2021	13.17	20/08/2021	17.17	PO	Disc Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	15/08/2021	01.30	20/08/2021	21.03	PO	Oil Filtration work.
220/132 kv 200MVA ICT II @ Girwali	IntraState	19/08/2021	10.38		Continued.	PO	HV C.B Pole Overhauling work.
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	20/08/2021	10.25	20/08/2021	14.00	PO	Quarterly Maintenance Work
220/33kv 125 MVA T/F-II @ Goregaon	IntraState	20/08/2021	13.57	20/08/2021	15.47	EO	Attending oil level low alarm of HV cable box conservator

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage